Form 3160-3 (February 2005)				FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007		
UNITED STATES DEPARTMENT OF THE BUREAU OF LAND MAN	5. Lease Serial No. UTU 78429					
APPLICATION FOR PERMIT TO	6. If Indian, Allotee	e or Tribe Name				
la. Type of work: DRILL REENT	ER			7 If Unit or CA Agr	reement, Name and No.	
lb. Type of Well: ☐ Oil Well	√ Si	ngle Zone Multi	ple Zone	8. Lease Name and BADLANDS		
2. Name of Operator EOG RESOURCES, INC.				9. API Well No.	3:33005	
3a. Address 600 17th Street, Suite 1100N Denver, CO 80202). (include area code) 16-3331		10. Field and Pool, or EXPLORAT	Exploratory	
4. Location of Well (Report location clearly and in accordance with an	ty State requiren	nents.*)		11. Sec., T. R. M. or 1	Blk. and Survey or Area	
L. CAME JUDGATA	9 LAT 110.2 7,88306 110.288	9		SEC 1, T11S,	R14E S.L.B.&M	
14. Distance in miles and direction from nearest town or post office* 28.4 MILES SOUTHWEST OF MYTON	13.200	101		12. County or Parish DUCHESNE	13. State UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) DRILL LINE 120'	16. No. of a	acres in lease	17. Spacin	g Unit dedicated to this	well	
18. Distance from proposed location*	19. Propose	d Denth	20. BLM/E	BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft.	12,900'		NM 2	308		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7735'	22. Approxi	mate date work will sta	rt*	23. Estimated duration 60 DAYS	on	
	24. Atta	chments				
The following, completed in accordance with the requirements of Onsho 1. Well plat certified by a registered surveyor.	re Oil and Gas				n existing bond on file (see	
2. A Drilling Plan.		Item 20 above).	-	·····	`	
3. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).	Lands, the	5. Operator certific 6. Such other site BLM.		ormation and/or plans a	as may be required by the	
25. Signature	Name	(Printed/Typed)			Date	
Tales Savin-		Kaylene R. Gardne	r		12/06/2005	
Title Regulatory Assistant						
Approved by (Signature)	E	(Printed/Typed) BRADLEY (a. HIL	<u>L</u>	Date 05-30-05	
Title		NVIRONMENTAL				
Application approval does not warrant or certify that the applicant hole conduct operations thereon. Conditions of approval, if any, are attached.	is legal or equ	itable title to those righ	nts in the sub	ject lease which would	entitle the applicant to	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a C States any false, fictitious or fraudulent statements or representations as	rime for any p	person knowingly and within its jurisdiction.	willfully to n	nake to any department	or agency of the United	

*(Instructions on page 2)

Faderal Approval of this Action is Necessary

RECEIVED
DEC 0 8 2005

T11S, R14E, S.L.B.&M. EAST - 5251.62' (G.L.O.) **TY0S** T11S LOT 4 LOT 3 LOT 2 LOT 1 W2100N (6.1.0)LOT 5 52, Set Marked Stone. Pile of Stones N00.001 LOT 6 BADLAND #1-01 Elev. Ungraded Ground = 7737 LOT 7 1901 Bross Cap Set Marked Stone, Pile of Stones Pile of Stones N89'47'34"W - 2640.77' (Meas.) N89'47'22"W - 2687.41' (Meas.) Marked Stone LEGEND: (AUTONOMOUS NAD 83) LATITUDE = 39.52.59.05" (39.883069)

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

LONGITUDE = 11077'21.27" (110.289242)

(AUTONOMOUS NAD 27)

LATITUDE = 39.52.59.18" (39.883106)

LONGITUDE = 11077'18.71" (110.288531)

EOG RESOURCES, INC.

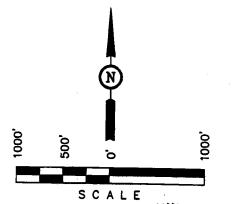
Well location, BADLANDS #1-01, located as shown in the NE 1/4 SE 1/4 (LOT 6) of Section 1, T11S, R14E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SE 1/4 OF SECTION 4, T11S, R14E, S.L.B.&M. TAKEN FROM THE GILSONITE DRAW, QUADRANGLE. UTAH, DUCHESNE COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, SAID ELEVATION IS MARKED AS BEING 7309 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE AND FIELD NOTES OF ACTUAL SURVEYS ANDE BY ME OR SUPERVISION AND THAT THE S BEST OF MY KNOWLEDGE AND

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

<u> </u>	
1" = 1000'	DATE SURVEYED: DATE DRAWN: 09-26-05 09-27-05
G.O. T.A. L.K.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE EOG RESOURCES, INC.



EOG Resources, Inc.

600 Seventeenth Street Suite 1000N Denver, CO 80202 Main: 303-572-9000 Fax: 303-824-5400

May 9, 2006

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801

Attention: Ms. Diana Whitney

RE: Request for Exception Location

Badlands 1-1 Well Duchesne County, Utah

Ladies and Gentlemen:

EOG Resources, Inc. ("EOGR") applied with the Utah Division of Oil, Gas and Mining for a Drilling Permit for the captioned well. The well is scheduled to drill at the following location in the captioned area to a proposed subsurface depth of 12,900 feet to test the Mesa Verde Formation:

Township 11 South, Range 14 East, SLB&M Section 1: Lot 6 (SW/4NE/4) 1405' FSL and 784' FEL

Due to topographic reasons and a desire to minimize surface impact by locating next to an existing road, EOGR is unable to drill this exploratory well at a legal location as defined under state rule R649-3-2. We therefore respectfully request from the State grant an exception to rule R649-3-2 in accordance with State rule R649-3-3.

Please be advised that federal lease UTU-78429 covers All of said Section 1, Township 11 South, Range 14 East. This lease is held 100% by Exxon Mobil Corporation. Attached is a copy of this letter executed by Exxon Mobil Corporation evidencing their written consent to the exception location. There are no other owners within a 460' radius of the proposed well location.

EOGR respectfully requests that the Utah Division of Oil, Gas and Mining grant administrative approval of this application for an exception location described herein at its earliest opportunity.

RECEIVED MAY 3 0 2006

DIV. OF OIL, GAS & MINING

Utah Division of Oil, Gas and Mining Request for Exception Location Badlands 1-1 Well May 9, 2006 Page 2 of 2

Thank you for your consideration of our request. Should you have any questions regarding this matter, please feel free to give me a call at (303) 824-5436.

Sincerely,

EOG RESOURCES, INC.

Tessa Dean Land Associate

cc: Sheila Bremer – Denver Kaylene Gardner – Big Piney

> Exxon Mobil Corporation 396 West Greens Road CORP – WGR-648 Houston, TX 77067

Accepted and agreed to this 12th

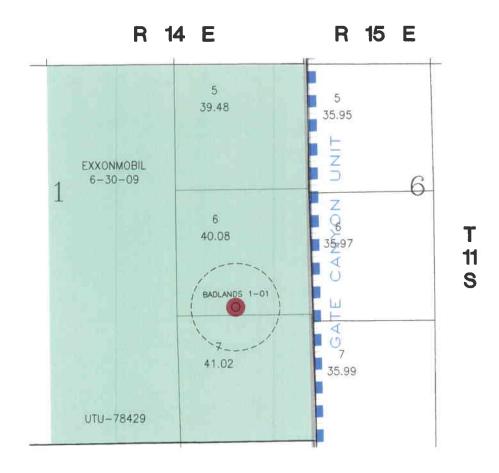
day of

2006

EXXON MOBIL CORPORATION

BA:-

Title



Working Interest



EXXONMOBIL 100%

Location at which applicant requests permission to drill the proposed Badlands $1\!-\!01$ Well 1405' FSL, 784' FEL (NESE) Lot 6 of Sec. 1, T11S, R14E



Exhibit "B"



Application for Exception Well Location

Badlands 1-01 Well

DUCHESNE COUNTY, UTAH

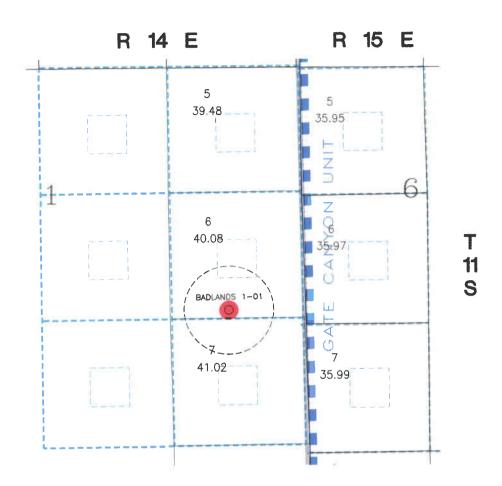
Scale: 1"=1000' 0 1/4 1/2 Mile



Scale: 1000'

Author

May 09, 2006 -2:23pm

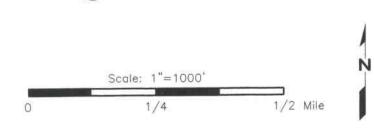


Drilling Units established by R 649-3-2

Legal window within which an oil and gas well could be drilled in compliance with R 649-3-2.

Location at which applicant requests permission to drill the proposed Badlands 1—01 Well 1405' FSL, 784' FEL (NESE) Lot 6 of Sec. 1, T11S, R14E







Application for Exception Well Location

Badlands 1-01 Well

DUCHESNE COUNTY, UTAH

Scale: D:\(\text{tath\exception_plets\}\) auct1s14e-01.dwg exc_A_40

May 09, 2006

EIGHT POINT PLAN BADLANDS 1-01 NE/SE, SEC. 1, T11S, R14X DUCHESNE COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)	OBJECTIVE
Green River	682	
Wasatch	4,682	
Dark Canyon	8,920'	GAS
KMV Price River	9,394'	
KMV Price River Middle	10,164'	
Bluecastle	10,659'	GAS
KMV Price River Lower	10,964'	GAS
KMV Castlegate	11,497'	GAS
Blackhawk	11,728'	GAS
Sunnyside	12,100'	GAS
Kenilworth	12,227'	GAS
Aberdeen	12,760	GAS

EST. TD: 12,900 or 200' ± below Aberdeen top

Anticipated BHP 7400 PSI

Fresh water zones may exist anywhere in the upper 4000' of the well. All such zones will be isolated by cement to surface.

3. PRESSURE CONTROL EQUIPMENT:

Intermediate Hole: 13-5/8", 5000 PSI Annular or 13-5/8"

Rotating head to be used as a diverter.

Production Hole:11", 5000 PSI BOPE BOP Schematic diagrams attached.

4. CASING PROGRAM:

<u>UIIUII</u>	, 0							RA	<u>rings</u>	
<u>HOLE</u>	SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	CONN	COLL. PSI	BURST PSI	TENS PSI
Surface:	17 1/2"	0' - 400'± KB	400' ±	13 3/8"	48.0 #	H-40	ST&C	740 PSI	1730 PSI	322,000#
	e 12 1/4"	400' - 4000'± KB	4000' ±	9 5/8"	40.0#	J-55	LT&C	2570 PSI	3950 PSI	520,000#
		4000' – TD ± KB		4 1/2"	11.6#	HC P-110	LT&C	8650 PSI	10,690 PSI	279,000#

Note: 12-14" surface hole will be drilled to a total depth of 200' \pm below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 4000' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EIGHT POINT PLAN BADLANDS 1-01 NE/SE, SEC. 1, T11S, R1440 DUCHESNE COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0-400' Below GL):

Guide Shoe

Wooden wiper plug

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

Intermediate Hole Procedure (400'-4000'):

Guide Shoe

Insert Float Collar (PDC drillable)

Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface.

Production Hole Procedure (4000'-TD):

FS, 1 joint of casing, FC, and balance of casing to surface. Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above top of shallowest potentially-productive zone. Thread lock FS, top and bottom of FC, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (0-400' below GL):

Air/air mist or aerated water.

Intermediate Hole Procedure (400'-4000'):

Water (circulate through reserve pit) with Gel/LCM sweeps.

Production Hole Procedure (4000'-TD):

4000'- 8500': Reserve pit water. Circulate through reserve pit with Gel/LCM and PHPA sweeps as needed.

8500'-TD: Weighted LSND, 9-11 PPG, 9-10 pH, less than 20 cc's water loss. Run LCM sweeps periodically to seal off loss zones or more often as hole dictates. Expect increasing gas shows requiring heavier mud weights from the top of the Price River onward. Treat CO2 contamination with DESCO CF if mud properties dictate.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

While drilling surface hole, EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

EIGHT POINT PLAN BADLANDS 1-01 NE/SE, SEC. 1, T11S, R14W DUCHESNE COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Schlumberger Platform Express with Di-pole Sonic from TD to base of surface casing in 1 run. Rotary sidewall cores as needed and based upon results from first log run.

9. CEMENT PROGRAM:

Surface Hole Procedure (0-400' Below GL)

Lead: 500 sx. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps via 1" tubing set at 25' if needed.

Intermediate Hole Procedure (400'-1,000')

Lead: 315 sx. (50% excess volume) Class 'G' lead cement (coverage from 3000'-400') with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft3/sk., 24.5 gps water.

Tail: 290 sx. (50% excess volume) Class 'G' cement (coverage from 4000'-3000') with 10% D53 (Gypsum), 2% S1 (CaCl2) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft3/sk., 7.9 gps water.

If openhole logs are run in intermediate hole, cement volumes will be based on openhole log caliper volume plus 10% excess.

Production Hole Procedure (4000' to TD)

Lead: 460 sx Hi-Lift G (coverage from 400' above top productive interval to 3,800' (± 200' into intermediate casing). w/ 12% D20 (Bentonite), 1% D79 (Extender), 0.2% D46 (Antifoamer), 0.2% D167 (Fluid Loss Additive), 0.2 % D13 (Retarder), 0.25 pps D29 (cellophane flakes), mixed at 11.5 ppg, 3.05 cu. ft./sk., 18.65 gps water.

Middle: 800 sx 50:50 Poz:G (coverage from 12000' to 400' above top productive interval) w/ 2% D20 (Bentonite), 0.1% D46 (Antifoamer), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.0 ppg, 1.29 cu. ft./sk., 5.9 gps water..

EIGHT POINT PLAN BADLANDS 1-01 NE/SE, SEC. 1, T11S, R14W DUCHESNE COUNTY, UTAH

Tail: 175 sx 50:50 Poz:G (coverage TD-12,000') w 2% D-20 (Bentonite), 35,0% D-66 (Silica) 0.1% D46 (Antifoamer), 0.075% D800 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.53 cu. ft./sk., 7.0 pgs water.

Note: Production string cement volumes shown are based on gauge hole +30% excess and assuming a top productive zone at 8,920'. Actual volumes will be based upon open hole caliper log volume plus 5% excess and top of tail cement to 400' above the highest indicated productive interval. Tail cement composition will be adjusted as needed for bottom hole temperature indicated on open hole logging tools.

10. ABNORMAL CONDITIONS:

INTERMEDIATE HOLE (400'-4000')

Potential Problems: Lost circulation throughout the section and minor amounts of gas may be present. Hydrocarbon shows and/or water zones will be monitored for and reported.

PRODUCTION HOLE (4000'-TD)

Potential Problems: Research indicates that mud losses are possible throughout all of the 7-7/8" hole. Sloughing shales and keyseat development are possible in the Wasatch Formation. CO2 contamination in the mud is possible in the Price River (Mesaverde).

11. STANDARD REQUIRED EQUIPMENT:

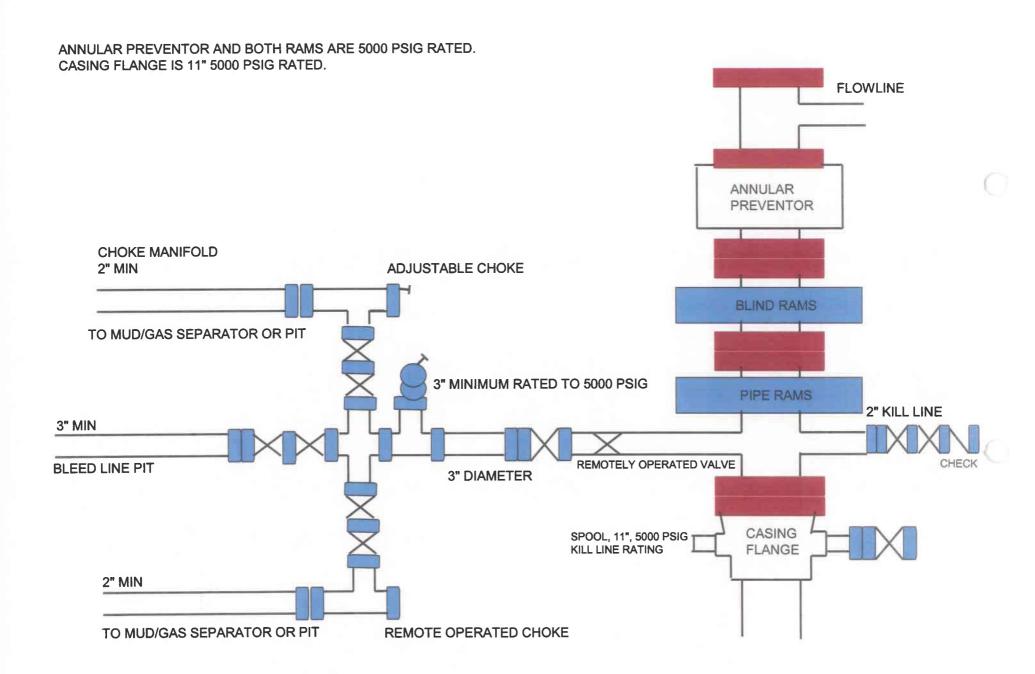
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Electronic/mechanical Mud monitoring equipment (PVT)

12. HAZARDOUS CHEMICALS:

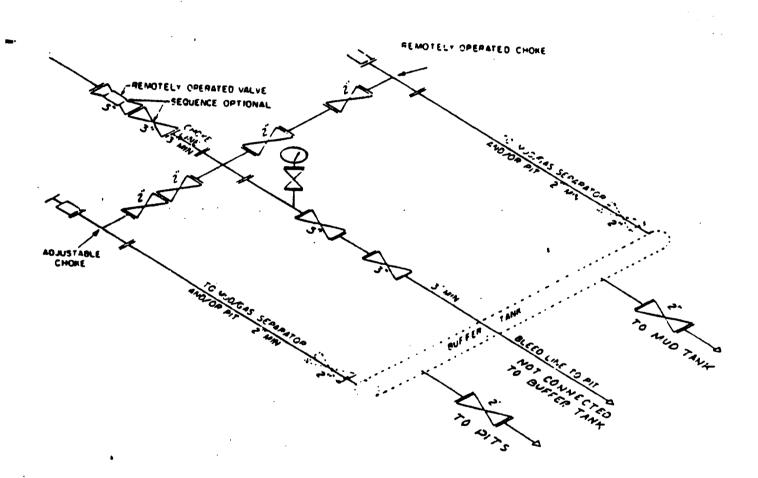
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

5000 PSIG BOPE DIAGRAM



CHOKE MANIFOLD



EOG RESOURCES, INC. BADLANDS #1-01 SECTION 1, T11S, R14E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH APPROXIMATELY 1.4 MILES ALONG U.S. HIGHWAY 40 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 20.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 230' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 28.4 MILES.



BADLANDS 1-01 NESE, Section 1-T11S-R14E Duchesne County, Utah

SURFACE USE PLAN

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 230 feet long with a 30-foot right-of-way, disturbing approximately 0.16 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.00 acres. No pipelines or surface facilities are proposed. See attached plats and TOPO maps.

The requested right-of-way on Federal acreage necessary is approximately 38,200' x 40' for the pipeline, containing 35.07 acres more or less (see attached survey plats and maps).

1. EXISTING ROADS:

Refer to the attached maps for location of existing access roads.

The proposed location is approximately 28.4 miles southwest of Myton, Utah. See attached Topo "B".

2. Access Roads to be Constructed:

Refer to the attached maps for the location of the proposed access road. The proposed access road was centerline staked.

The new access road will be approximately 230' long and will be completed as a single lane, 18' wide, 30' subgrade, crowned road.

Maximum grade of the new access road will be 4 percent.

There are no major cuts or fills, turnouts, or bridges anticipated along the proposed access route.

No gates, cattleguards, fence cuts, or modifications to existing facilities will be required on or along the proposed access route.

A minimum of six inches of topsoil will be stripped from the proposed access road prior to any further construction activity. The stripped topsoil will be stored along the sides of the new access road.

The access road will be constructed and maintained as necessary to prevent soil erosion and accommodate all-weather traffic. The road will be crowned and ditched with water turnouts installed as necessary to provide for proper drainage along the access road route.

In the event that commercial production is established from the subject well, the access road will be surfaced to an average minimum depth (after compaction) of six inches with two inch minus pit run gravel or crushed rock, if and/or as required by the Authorized Officer. These surfacing material(s) will be purchased from a contractor having a permitted source of materials within the general area.

The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached map (Topo C) showing all wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

See the Rehab Plat diagram for proposed production facilities to be utilized.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope.

All permanent (on site six months or longer) aboveground structures constructed or installed on location and not subject to safety requirements will be painted Carlsbad Canyon (Munsell standard color 2.5y 6/2).

Containment berms will be constructed completely around production facilities designed to hold fluids (i.e., production tanks, produced water tanks, and/or heater/treater). The containment berms will be constructed of compacted subsoil, be sufficiently impervious, hold 110 percent of the capacity of the largest tank, and be independent of the back cut.

All safety measures have been considered in the design, construction, operation, and maintenance of the facility. EOG Resources, Inc will have a designated representative present during construction. Any accidents to persons or property on federal lands will immediately be reported to the authorized officer.

The length of the new proposed pipeline is 38,200' x 40' containing 35.07 acres more or less. The proposed surface pipeline leaves the eastern edge of the well pad lease UTU 78429 traveling in an easterly direction through Bureau of Land Management leases UTU 76810, UTU 73165, UTU 74387, UTU 81702, UTU 76761, UTU 81701, and UTU 63150 for a total distance of 38,200'. At this point, the pipe will tie into an existing pipeline in the SWSW of Section 19, T11Sm R16E (Lease UTU 63150). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating. See attached Topo D.

5. LOCATION AND TYPE OF WATER SUPPLY:

Water for drilling will be obtained from the nearest approved source, possibly from the Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9s, R22E Uintah County, Utah (State Water Right # 49-1501. Water will be hauled by a licensed trucking company.

The water will be transported on the access road via truck by an approved commercial water hauler. No pipeline will be used to transport water for drilling purposes.

6. Source of Construction Materials:

Any construction materials that may be required for surfacing of the drill pad and access road will be obtained from a contractor having a permitted source of materials within the general area.

No construction materials will be removed from Federal or Indian lands without prior approval from the appropriate surface management agency.

7. METHODS OF HANDLING WASTE DISPOSAL:

Cuttings and drilling fluids will be contained in the reserve pit.

If operationally necessary, the reserve pit will be used temporarily for storage of produced fluids during testing. Fracture stimulation fluids will be flowed back into the reserve pit for evaporation. Pit will be closed and reclaimed no later than October 1 of the year following drilling and completion activities.

Portable, self-contained chemical toilets will be provided for human waste disposal. Upon completion of operations, or as required, the toilet holding tanks will be pumped and the contents thereof disposed of in an approved sewage disposal facility. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.

All garbage and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage. Upon completion of operations, or as needed, the accumulated trash will be transported to a state approved waste disposal site. No trash will be placed in the reserve pit.

Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location. Any open pits will be fenced during drilling operations and said fencing will be maintained until such time as the pits have been backfilled.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation

activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

A. General Information:

See the attached diagrams, *Figure #1* and *Figure #2*, showing the proposed drill pad cross sections and cut and fills in relation to topographic features as well as access onto the pad and soil stockpiles. A diversion ditch will be constructed above the pit.

All equipment and vehicles will be confined to the approved disturbed areas of this APD (i.e., access road, well pad, and spoil and topsoil storage areas).

If necessary, in order to divert surface runoff, a drainage ditch will be constructed around the upslope side of the well site.

The fill section of the pad that supports the drilling rig and any other heavy equipment will be compacted.

B. Reserve Pit:

The reserve pit will be constructed in a way that minimizes the accumulation of surface precipitation runoff into the pit. This may be accomplished by appropriate placement of subsoil/topsoil storage areas and/or construction of berms or ditches.

The reserve pit will be fenced on three sides during drilling operations and the fourth side will be fenced after the drilling rig moves off the location. This fence will be either: (1) woven wire at least 28 inches high and within 4 inches of ground surface with 2 strands of barbed wire above the woven wire with 10 inch spacing, or (2) at least 4 strands of barbed wire spaced, starting from the ground, at approximately 6, 8, 10, and 12 inch intervals.

The reserve pit will be backfilled as soon as dry, after drilling and completion operations are finished. Pit will be closed and reclaimed no later than October 1 of the year following drilling and completion activities. If natural evaporation of the reserve pit is not feasible, alternative methods of drying, removal of fluids, or other treatment may be utilized. If fluids will be disposed of by any method other than evaporation or hauling to a DEQ approved disposal pit, prior approval from the Authorized Officer will be obtained. NOTE: If disposal involves proposed discharge or transport, Utah DEQ approval will be obtained.

If a liner is required, then the reserve pit will be lined with a pit liner that has a permeability less than 10⁻⁷ cm/sec and have a burst strength equal to or exceeding 300 pounds per square inch (psi) or puncture strength of 160 psi or greater and grab tensile strength of 150 psi or greater. The liner will be resistant to deterioration by hydrocarbons. The liner will not be installed directly on rock. Where necessary, pits will first receive a layer of bedding material (e.g., sand or geotextile fiber liner) sufficient to prevent contact between the liner and any exposed rock.

10. PLANS FOR RECLAMATION OF THE SURFACE:

All disturbed, unused areas will be seeded using a drill equipped with a depth regulator. All seed will be drilled on the contour. The seed will be planted between one-quarter and one-half inch deep. Where drilling is not possible (i.e., too steep or rocky), the seed will be broadcast and the area raked or chained to cover the seed. If the seed mixture is broadcast, the rate listed below will be doubled. The following certified or registered seed mixture and application rates will be used:

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Western Wheatgrass	4.0
Intermediate Wheatgrass	4.0
Indian Rice Grass	4.0

*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

Rat and mouse holes will be filled and compacted from bottom to top immediately after release of the drilling rig from the location.

Topsoil from the berms and/or storage piles will be spread along the road's cut and fill slopes. Drainage ditches or culverts will not be blocked with topsoil and associated organic matter. The topsoil areas will be seeded as stated below. The unused area of the pad will be recontoured and topsoil spread six inches deep. The area on the contour will be ripped one foot deep using ripper teeth set on one foot centers.

Immediately upon well completion any hydrocarbons on the pit will be removed in accordance with CFR 3162.7-1.

All disturbed, unused areas will be seeded using a drill equipped with a depth regulator. All seed will be drilled on the contour. The seed will be planted between one-quarter and one-half inch deep. Where drilling is not possible (i.e., too steep or rocky), the seed will be broadcast and the area raked or chained to cover the seed. If the seed mixture is broadcast, the rate listed below will be doubled. Seeding will be done either in late Autumn (September 1 to November 15, before freeze up) after completion or as early as possible the following Spring to take advantage of available ground moisture.

The seeding shall be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. The first evaluation of growth will be made following completion of the first growing season after seeding.

Prior to final abandonment reclamation work, a sundry notice describing the proposed reclamation plan will be submitted to the Authorized Officer for approval.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted using a completion/workover rig.

Weeds will be controlled on disturbed areas within the exterior limits of the access road and well pad. The control methods shall be in accordance with guidelines established by the EPA, BLM, state, and local authorities. Approval will be obtained from the Authorized Officer prior to use of pesticides.

A cultural resources survey was performed and will be submitted by Montgomery Archaeological Consultants

13. LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. 600 17th Street, Suite 1100 North Denver, CO 80202 (307) 276-4842

DRILLING OPERATIONS

Donald Presenkowski EOG Resources, Inc. P.O. Box 250 Big Piney, WY 83113 307-276-4865

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Gate Canyon 2-20 Well, located in the SWNE, of Section 20, T11S, R16E, Duchesne County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

December 6, 2005

Date

Kaylene R. Gardner Regulatory Assistant

EOG RESOURCES, INC. BADLANDS #1-01

LOCATED IN DUCHESNE COUNTY, UTAH SECTION I. THIS, RI4E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

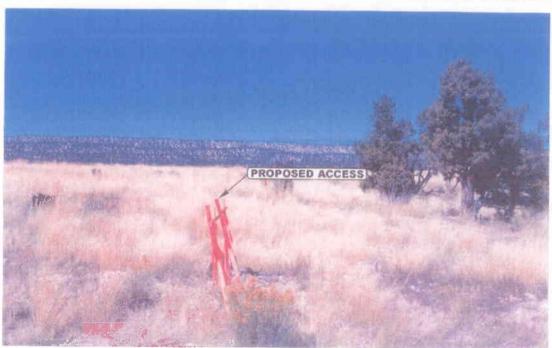


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels/æuelsine.com

LOCATION PHOTOS

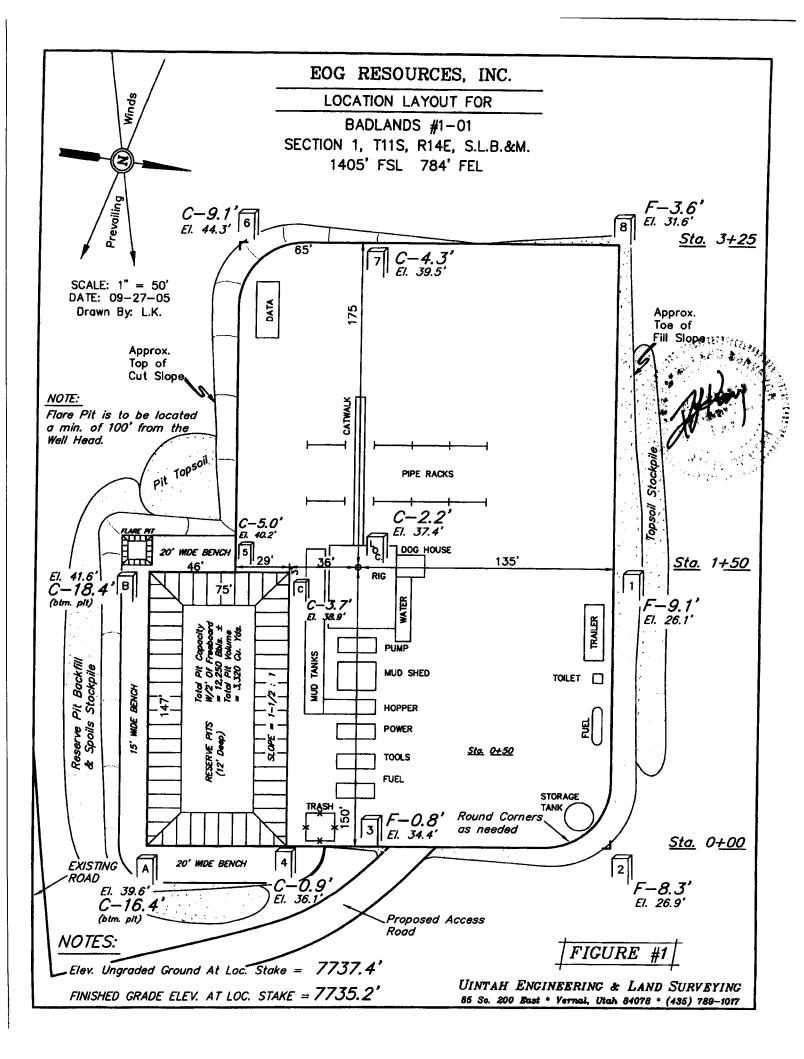
MONTH DAY

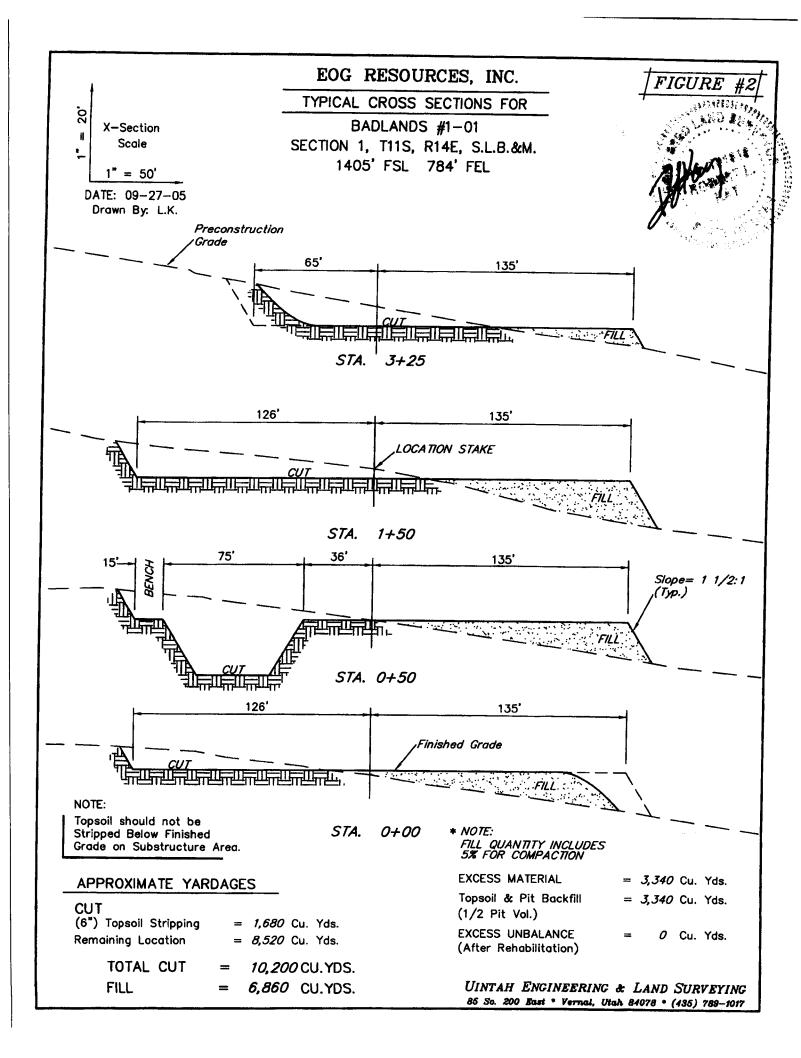
TAKEN BY: G.O.

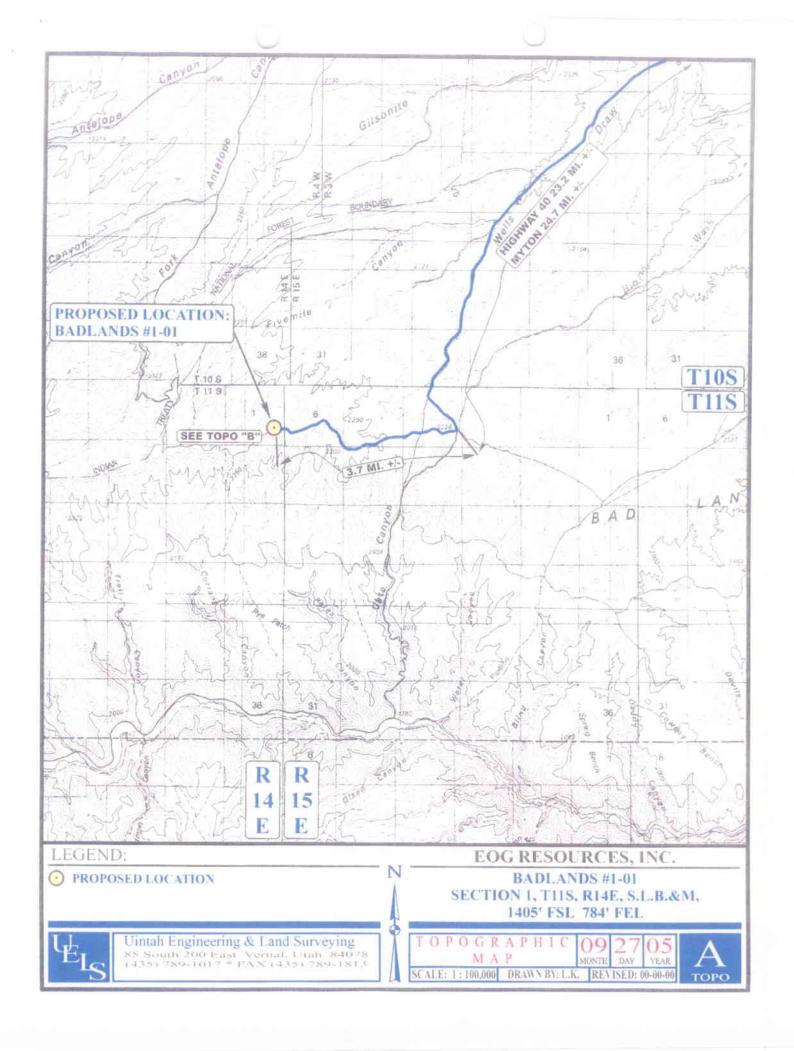
DRAWN BY: L.K.

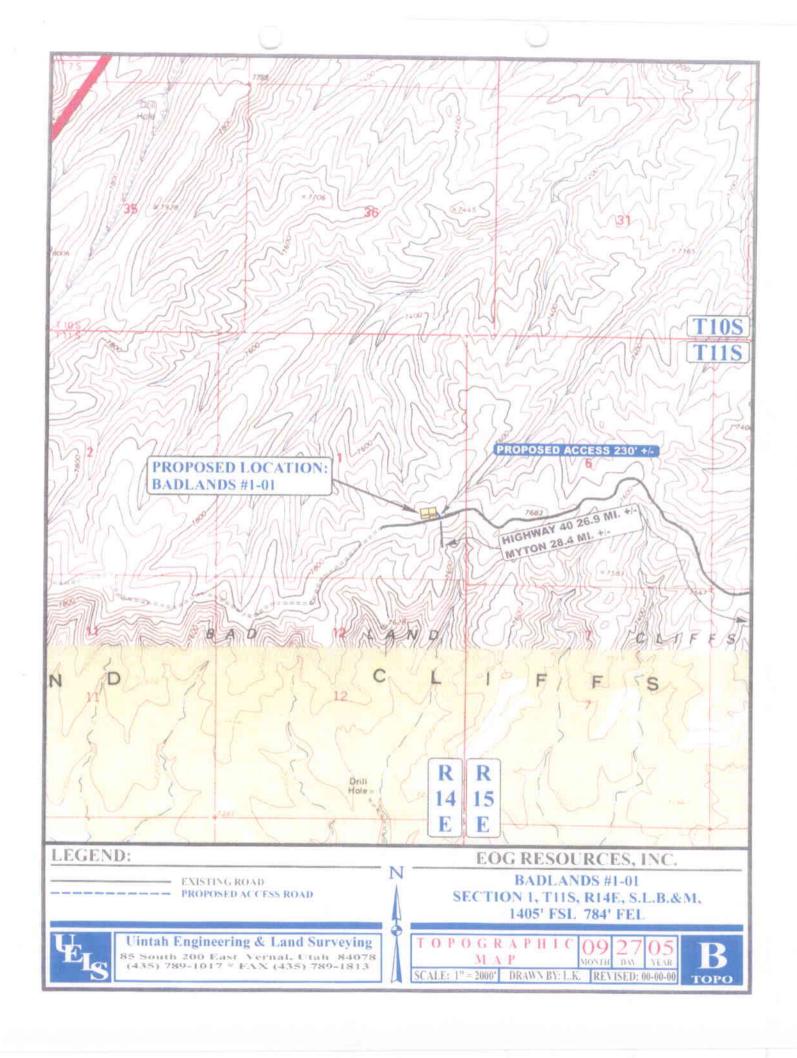
REVISED: 00-00-00

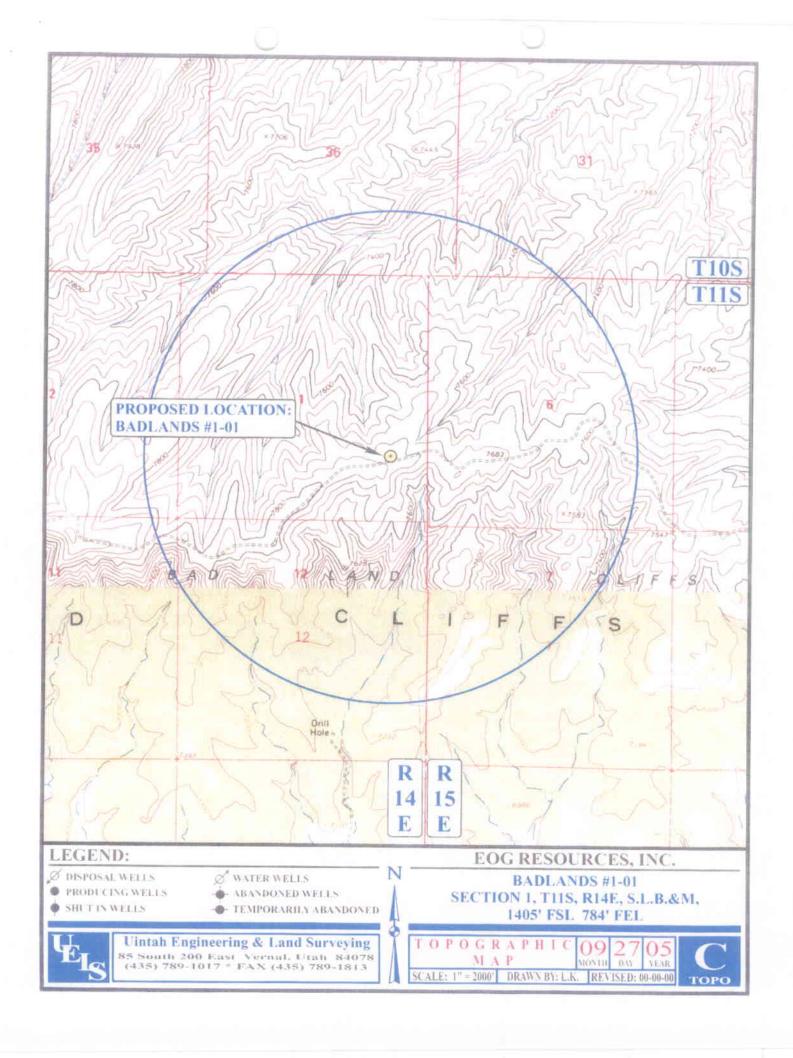
PHOTO

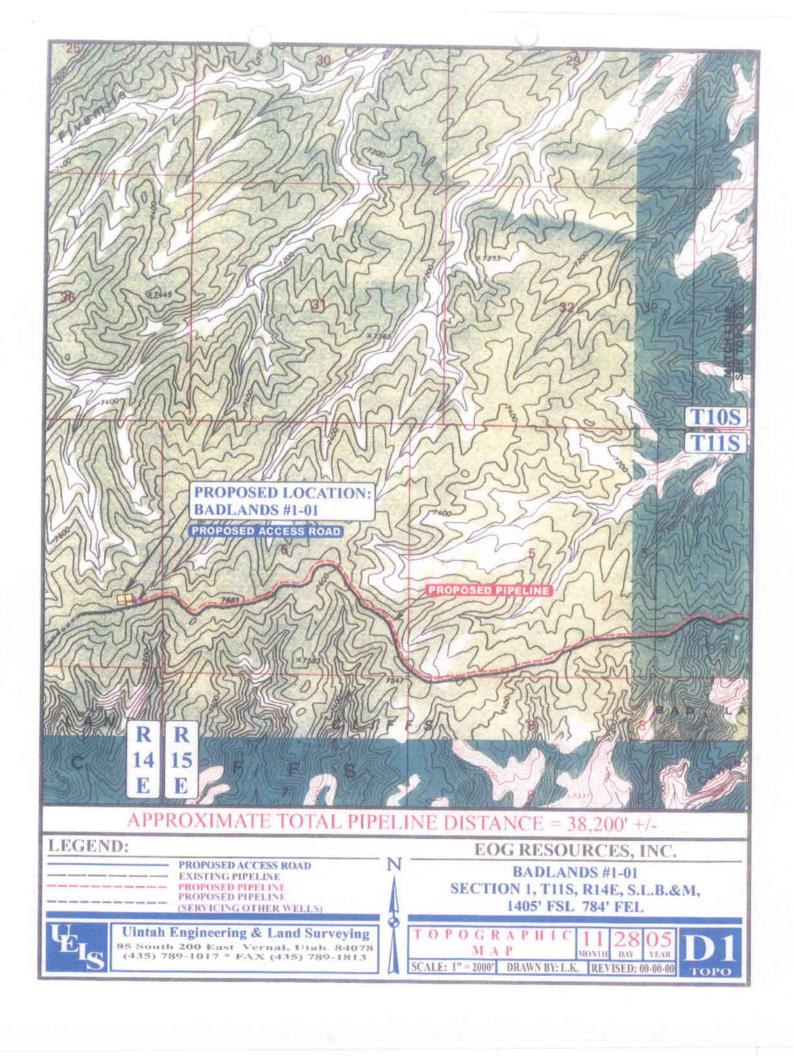


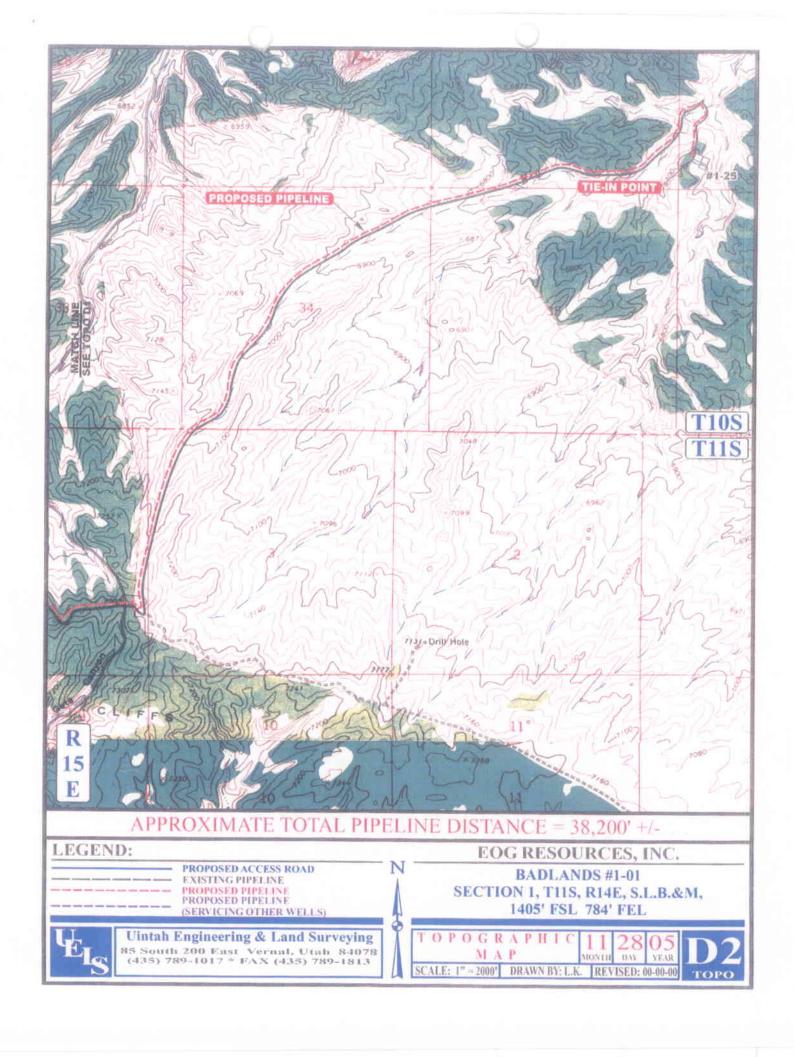












WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/08/2005	API NO. ASSIGNED: 43-013-33005
WELL NAME: BADLANDS 1-01 OPERATOR: EOG RESOURCES INC (N9550) CONTACT: KAYLENE GARDNER PROPOSED LOCATION: NESE 01 110S 140E SURFACE: 1405 FSL 0784 FEL BOTTOM: 1405 FSL 0784 FEL DUCHESNE WILDCAT (1)	PHONE NUMBER: 307-276-3331 INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology
LEASE TYPE: 1 - Federal	Surface
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU 78429 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: BLKHK COALBED METHANE WELL? NO	LATITUDE: 39.88307 LONGITUDE: -110.2884
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM-2308 Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-1501 RDCC Review (Y/N) (Date:) Alf Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. UnitR649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill
STIPULATIONS: 1- Code of approved 2. Spacing Stip	

TiOS R14E	36	Tios I	RISE
Tiis Ri4E		TIIS RISE	
.2	4	GATE CA	NYON UNIT 6
OPERATOR: EOG RESOURCES INC (N9550) SEC: 1 T. 11S R. 14E FIELD: WILDCAT (001) COUNTY: DUCHESNE SPACING: R649-3-3 / EXCEPTION LOCATION	Wells Status	** Utah Oil Gas ar	Mining
Field Status ABANDONED ACTIVE COMBINED INACTIVE PROPOSED STORAGE TERMINATED Wit Status EXPLORATORY GAS STORAGE NF PP OIL NF SECONDARY PENDING PI OIL PP GAS PP GEOTHERML PP OIL SECONDARY TERMINATED	CASSIONAGE COCATION ABANDONED NEW LOCATION PLUGGED & ABANDONED PRODUCING GAS PRODUCING OIL SHUT-IN GAS SHUT-IN OIL TEMP. ABANDONED TEST WELL WATER INJECTION WATER SUPPLY WATER DISPOSAL DRILLING	PREPARED BY: DIANA V DATE: 14-DECEMBER-20	E WHITNEY



State of Utah

Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

May 30, 2006

EOG Resources, Inc. 600 17th Street, Suite 1100N Denver, CO 80202

Badlands 1-01 Well, 1405' FSL, 784' FEL, NE SE, Sec. 1, T. 11 South, Re:

R. 14 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33005.

Sincerely,

Gil Hunt

Associate Director

Hight

pab **Enclosures**

Duchesne County Assessor cc:

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources, Inc.				
Well Name & Number	Badlands 1-01				
API Number:	43-013-33005				
Lease:	UTU-78429				
Location: NE SE	Sec. 1	T. _11 South_	R. _14 East_		

Conditions of Approval

1. General

Location: NE SE

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

AUG 07 2006

Form 3160-3 (February 2005) DIV. OF OIL, GAS & MINING

DEC 0 8 2005

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 5. Lease Serial No. UTU 78429

6. If Indian, Allotee or Tribe Name

				Sec.	12 miles	
APPLICATION	FOR	PERMIT	TO	DRILL	. or	REENTER

APPLICATION FOR PERMIT TO	DRILL OR REENIER			
la. Type of work: DRILL REENT	ER		7 If Unit or CA Agreement,	Name and No.
lb. Type of Well: ☐ Oil Well	Single Zone Mult	iple Zone	8. Lease Name and Well N BADLANDS 1-01	Э.
2. Name of Operator EOG RESOURCES, INC.			9. API Well No. 43.013.33	005
3a. Address 600 17th Street, Suite 1100N Denver, CO 80202	3b. Phone No. (include area code) 307-276-3331		10. Field and Pool, or Explore EXPLORATORY	atory
4. Location of Well (Report location clearly and in accordance with at At surface NESE 1405 FSL 784 FEL 39.88306 At proposed prod. zone SAME			11. Sec., T. R. M. or Blk. and SEC 1, T11S, R14E	
14. Distance in miles and direction from nearest town or post office* 28.4 MILES SOUTHWEST OF MYTON			12. County or Parish DUCHESNE	13. State UT
15. Distance from proposed* LEASE LINE 1000' location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) DRILL LINE 120'	16. No. of acres in lease 639	17. Spacir	g Unit dedicated to this well	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 12,900'	20. BLM/	BIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7735'	22. Approximate date work will st	tart*	23. Estimated duration 60 DAYS	
The Cillumina and lated in accordance with the requirements of Onshe	24. Attachments	attached to th	sig form	

The following, completed in accordance with the requirements of Unshore Uil and

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification

Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name (Printed/Typed)	Date
Talm Carlin-	Kaylene R. Gardner	12/06/2005
Title Regulatory Assistant		
	Name (Drivet d/Franch)	Date
Approved by (Signapure)	Name (Printed Typed) JERRY KENCZKA	7-26-2006
Title Assistant Field Wahager	Office	
Mineral Resources	VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

Accepted by the Utah Division of Oil, Gas and Minima FOR RECORD ONLY

NOTICE OF APPROVAL

CONDITIONS CT APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG Resources, Inc. Location: NESE, Sec1, T11S, R14E

Well No: Badlands 1-01 Lease No: UTU-78429

API No: 43-013-33005 Agreement: N/A

Cell: 435-828-4470 Office: 435-781-4490 Matt Baker Petroleum Engineer: Cell: 435-828-7875 Office: 435-781-4432 Michael Lee Petroleum Engineer: Office: 435-781-4470 Petroleum Engineer: Roger Hall Supervisory Petroleum Technician: Cell: 435-828-3913 Jamie Sparger Office: 435-781-4502 Office: 435-781-4475 Cell: 435-828-4029 Environmental Scientist: Paul Buhler Office: 435-781-4484 Karl Wright **Environmental Scientist:** Holly Villa Office: 435-781-4404 Natural Resource Specialist: Melissa Hawk Office: 435-781-4476 Natural Resource Specialist: Natural Resource Specialist: Nathaniel West Office: 435-781-4447 Office: 435-781-4441 Natural Resource Specialist: Chris Carusona Office: 435-781-4437 Natural Resource Specialist: Scott Ackerman

After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction	-	Forty-Eight (48) hours prior to construction of location and access roads.
(Notify Paul Buhler)		

Location Completion - Prior to moving on the drilling rig. (Notify Paul Buhler)

Spud Notice - Twenty-Four (24) hours prior to spudding the well. (Notify Petroleum Engineer)

Casing String & Cementing

- Twenty-Four (24) hours prior to running casing and cementing all casing strings.

(Notify Jamie Sparger) strings.

BOP & Related Equipment Tests - Twenty-Four (24) hours prior to initiating pressure tests.

(Notify Jamie Sparger)

First Production Notice - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 6 Well: Badlands 1-01

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

1. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this would include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:

4 lbs of Western Wheatgrass, 4 lbs of Indian rice Grass and 4 lbs of Intermediate Wheat Grass.

- 2. The buried pipeline exception request has been received. It has been determined that the pipeline route has bedrock exposed at the surface. The exception is granted for a surface pipeline.
- 3. If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities. where construction activities did not occur may require disking or ripping and reseeding.

COAs: Page 3 of 6 Well: Badlands 1-01

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. Production casing cement shall be brought up and into the 9 5/8" intermediate casing.
- 2. A cement Bond Log (CBL) shall be run from the production casing shoe to the intermediate casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas

COAs: Page 4 of 6 Well: Badlands 1-01

shows shall be adequately tested for commercial possibilities, reported, and protected.

6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

COAs: Page 5 of 6 Well: Badlands 1-01

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will

COAs: Page 6 of 6 Well: Badlands 1-01

be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:_	EC	G RESOURCES	INC	
Well Name:	BA	ADLANDS 1-01		
Api No: 43-01	3-33005	Lease Ty	pe: FED	ERAL
Section 01 Town	nship <u>11S</u>	_Range14E	County	DUCHESNE
Drilling Contractor _	ROCE	KY MTN DRLG	RIG #	1
SPUDDED: Date _	09/22	2/06		
Time _	3:00	PM		
How_	DRY			
Drilling will Com	nmence:			
Reported by	DA	LL COOK		
Telephone #	(435	5) 828-3630		
Date 09/25/06	_Signed	CHD		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

600 17th St., Suite 1000N

city Denver

state CO

zip 80202

Phone Number:

(303) 824-5526

Wall 1

API Number			QQ	Sec	Twp	Rng	County	
43-013-33005			NESE	1	115	14E	14E Duchesne	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date			
Α	99999	15664	9/22/2006			9/38/06		

API Number	Wei	QQ	Sec	Twp	Rng	County		
43-047-37386	Chapita Wells Unit 1	109-34	SWNE	34	98	23E Uintah		
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date			
Α	99999	15667	9/25/2006			9/28/06		

Well 3

API Number	Well f	Well Name				Rng County			
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date				
omments:									

ACTION CODES:

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED SEP 2 5 2006

Mary A. Maestas

Regulatory Assistant

(Piease Print)

9/25/2006

Title

(5/2000)

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR BURGALLOF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

	CPARIMENT OF IM				Expires. March 51, 2007
В	BUREAU OF LAND MA	NAGEMENT		5. Lease Seria	
SUNDRY	NOTICES AND RE	PORTS ON WE	LLS	UTU-78-	
Do not use th abandoned we	is form for proposals ell. Use Form 3160 - 3	to drill or to re- (APD) for such pro	enter an oposais.	6. If Indian,	Allottee or Tribe Name
SUBMIT IN TRI	PLICATE- Other ins	tructions on reve	rse side.	7. If Unit or	CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other			8. Well Nan Badlan	
2. Name of Operator EOG Resor	9. API We	II No.			
Ba. Address 600 17th Street, Suite 1000N, I	43-013- 10. Field and	d Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	1)		Wildca	
1405' FSL & 784' FEL (NE/SI Sec. 1-T11S-R14E 39.883069	E) LAT 110.289242 LON			or Parish, State ne County, Utah	
12. CHECK A	PPROPRIATE BOX(ES) T	O INDICATE NATU	RE OF NOTICE,	REPORT, OR	OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent ✓ Subsequent Report ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Reclamation Recomplete Temporarily Water Dispos		Water Shut-Off Well Integrity Other
determined that the site is read EOG Resources, Inc. requ 1. Ace Disposal					en completed, and the operator has
2. RN Industries				Oil Oil	cepted by the ah Division of Gas and Mining RECORD ONLY
14. I hereby certify that the for Name (Printed/Typed) Mary A. Maest		Title	Regulatory Assista	nt	
Signature Work	a. Maeras	Date		09/25/2006	
	THIS SPACE FO	R FEDERAL OR	STATE OFFIC	CE USE	
Approved by			Title		Date
Conditions of approval, if any, ar	e attached. Approval of this no	tice does not warrant or			

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction.

(Instructions on page 2)

certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

SEP 2 8 2006

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. UTU-78429

Do not use the abandoned we	6. If Indian	, Allottee or Tribe Name			
SUBMIT IN TR	7. If Unit or CA/Agreement, Name and/or No. 8. Well Name and No. Badlands 1-1 9. API Well No.				
1. Type of Well Oil Well					
2. Name of Operator EOG Resor					
3a. Address 600 17th Street, Suite 1000N, I	43-013-33005 10. Field and Pool, or Exploratory Area				
4. Location of Well (Footage, Sec., 1405' FSL & 784' FEL (NE/SI Sec. 1-T11S-R14E 39.883069		t or Parish, State one County, Utah			
12. CHECK A	PPROPRIATE BOX(ES) TO	O INDICATE NATUR	E OF NOTICE, R	EPORT, OF	OTHER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		
Notice of Intent ✓ Subsequent Report ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (St Reclamation Recomplete Temporarily Al	bandon	Water Shut-Off Well Integrity ✓ Other Well spud
If the proposal is to deepen dire Attach the Bond under which t following completion of the in-	ectionally or recomplete horizonta the work will be performed or pro- volved operations. If the operation	ally, give subsurface location vide the Bond No. on file w in results in a multiple comp	is and measured and tri rith BLM/BIA. Requiral letion or recompletion	ue vertical depti ed subsequent i in a new interva	ork and approximate duration thereof. ns of all pertinent markers and zones. reports must be filed within 30 days d, a Form 3160-4 must be filed once en completed, and the operator has

The referenced well spud on 9/22/2006.

determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	 							
Mary A. Maestas	Title	Regulatory Assistant						
Signature Mary a. Mayor	Date	09/25/2006						
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								
Approved by		Title	Date					
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject less which would entitle the applicant to conduct operations thereon.	Office							
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person r within	knowingly and willfully to make to a its jurisdiction.	RECEIVED the United					

(Instructions on page 2)

SEP 2 8 2006

Form 3160-4 UNITED STATES (April 2004) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG											I	OMB NO.	PPROVED 1004-0137 arch 31, 2007			
	WEI	T CO	MPLE	HON C)H F	RECOMPLI	FHON	N REPOR	HI AN	D LO	G				e Serial No. J-78429	
la. Type	of Well of Complete	_		Gas We		Dry C	Other	on Di	ıg Back		Diff, R	acu.r	1			or Tribe Name
			Other			- Work Over [Ig Dack	'لـــا	D111. K	ucsvi,		7. Unit	or CA Agree	ement Name and No.
2. Name	of Operato	r EOG	Resour	ces, Inc.											Name and	
3. Addre	ss 600 17	th Stree	t, Suite	1000N, E	enve	r, CO 80202			one No.		e area	code	, 9	AFI V	Vell No.	
4. Locati	ion of Well	(Report l	ocation (clearly and	in ac	cordance with	Federa	l requiremen	is)*				10		•	Exploratory
At sur	face 1	405' FSI	& 784	' FEL (N	ESE)	39.883069 L	AT 11	10.289242 L	ON .				-	l Sec.	ioratory T., R., M., o	n Block and
At top	prod. inter	val report	ed below	Same									-		y or Area ty or Parish	Sec. 1-T11S-R14E
At tota	al depth	Same						12.	29	5· O	<i>ک</i>		-		esne Count	1
14. Date S	Spudded 2/2006	·	15.	Date T.D. 12/21/2		ned		16. Date C	omplete	d	ady to	Prod			tions (DF, F	KKB, RT, GL)*
18. Total	Depth: M	ID 12,9 VD	00			lug Back T.D.:	MD TVD		• • • • • • • • • • • • • • • • • • • •				ge Plug Se)	
21 Type I			echanic	al Logs Ru	ın (Sıı	bmit copy of e		······································		22.	Was w	ell co	red? 7	No L		mit analysis)
										,	Was D	ST n		No [VNo	Yes (Sub	mit report) Submit copy)
	g and Line						Stag	e Cementer	No c	of Sks.	&	Slur	ry Vol.			Amount Pulled
Hole Size			i. (#/ft.)	Top (M	ID)	Bottom (MD		Depth	Туре	of Cem		(1	BBL)	Cemen	t lop*	Amount Funed
17-1/2"	9-5/8"		.0# .5#	H-40 P-110		0-453 0-4225		·	400 s 740 s							
	ļ								-							
	1										\perp					
]						<u> </u>									
24 Tubin		Set (MD) Packe	r Depth (N	(D)	Size	Dep	th Set (MD)	Packer	Depth ((MD)		Size	Depth	Set (MD)	Packer Depth (MD)
25 Deadu	aing Interne	alo.					26.	Perforation	Dacord	·						
25. Produc	Formation			Тор		Bottom	20.	Perforated		<u> </u>	S	ize	No. I	loles	F	Perf. Status
A)													ļ			
B) C)			-										 			
D)																
	Fracture, Tr Depth Inter-		Cement S	Squeeze, et	ic.			A	mount a	nd Typ	e of M	ateria	.)			
	Deput meet	· u,														
																
28. Produ	oction - Inte		I Tost	Oil		I Con I V	Water	Oil Gen	oits:	G	15		Production	Method		
Produced	Date	Hours Tested	Produc		L 	MCF	BBL	Oil Grav Corr. Al	Ä"		ravity		Well P&A			
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BB	L	Gas MCF	Water BBL	Gas/Oil Ratio		We	il Status	3	P&A'd			
	uction - Int					12	97.4	1 2 2 2								
Date First Produced	Test Date	Hours Tested	Test Product	tion BBI	L		Water BBL	Oil Gray Cort. Al	ार् व	Gas	vity		Production	Method		

Gas/Oil Ratio

Water BBL

*(See instructions and spaces for additional data on page 2)

Oil BBL

RECEIVED

SEP 0 5 2007

70h Deade	action - Inte	m/al C			· · · · · · · · · · · · · · · · · · ·		**************************************			
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	Tested	Production	BBL	Gas MCF	BBL	Oil Gravity Corr. API	Gravity		
Choke Size	Tbg. Press. Flwg. Si	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
8c. Prod	uction - Inte	erval D								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Disp SOL		Sas (Sold,	used for fuel,	vented, et	c.)					
30. Sum	mary of Por	ous Zones	(Include Aq	uifers):				31. Format	ion (Log) Markers	
Show tests,	all import	ant zones	of porosity a	and conter	nts thereof: , time tool o	Cored intervapen, flowing	als and all drill-sten and shut-in pressure	3		
Form	nation	Тор	Bottom		Desc	riptions, Cont	ents, etc.	Name Top Meas. D		
32. Additional remarks (include plugging procedure): The referenced well was P&A'd 12/28/2006 as per the attached procedure. Dry hole marker was set 3' below ground level on 1/4/2007.										
☐ Ele	ectrical/Med ndry Notice	chanical L for plugg	ogs (1 full se ing and ceme	t req'd.) nt verifica	G tion C	the appropria eologic Repor ore Analysis	nt DST Report			
34. I here	by certify th				ormation is o	complete and o	Dagui		ble records (see attached instructi	ons)*
	(please prir	Mary	A. Maestas		M _ ~	l.	08/31	atory Assistan	1	
Signat		JYVL	M K	·	IVIL	YG	Date 08/31/		fully to make to any department	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Badlands - P&A information

- Fish #1 part of logging string dropped when logging tools were being broken down & laid out at surface.
 - o TIH & tagged top of fish (TOF) at 12871'
 - o Items Left in hole (no sources):
 - Array Induction Tool (AIT-H)
 - OD 3 7/8", Length 16', 255lbs
 - Sonic Monopole Dipole (SMDX)
 - OD 3 5/8", Length 16.5', 314lbs
- Fish #2 stuck while cutting rotary sidewall cores at 10193'
 - o Attempted to strip over wireline and fish coring tools.
 - Wireline was dropped in the hole.
 - O Attempted to fish wireline & tools with a spear
 - Got stuck with spear did recover some wireline.
 - o Items left in the hole (no sources):
 - Logging Equipment Head Tension (LEH-QT)
 - OD 3 3/8", Length 35", 37lbs
 - Mechanical Sidewall Coring Tool (MSCT-A)
 - OD 5 1/4", Length 9' 1", 262lbs
 - Wireline Cable
 - OD 0.46", 4000"
- Fish #3 fishing BHA (bottom at 3447', Top at surface)
 - o Spear 5.75'
 - o XO sub 2.25'
 - o XO sub 1.87'
 - o 4 ½" 16.6ppf Drill Pipe 3437'
- P&A witnessed by Cliff Johnson from BLM, Vernal Office
 - o Perforated DP
 - 3410' 3402', 2 spf, 13 x 0.301" holes
 - Established injection rate
 - o Cement Plug #1 (squeezed cement down to OH to cover shoe)
 - 712 sxs, 15.8pg, Class G + 0.15% D13 (retarder), 1.15 cuft/sx
 - Displaced with FW to 3500'
 - TOC 3500'
 - Bottom 5240' (estimated using 50% excess in OH)
 - o Cement Job #2 cemented DP and casing back to surface.
 - 1276 sxs, 15.8pg, Class G + 0.15% D13 (retarder), 1.15 cuft/sx
 - 18 bbls CMT circulated to surface

NOTE: all of the logging tools were Schulmberger.

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

5. Lease Serial No. UTU-78429

6.	If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE- Other instructions of	n reverse side.	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well Gas Well Other		8. Well Name and No.
2. Name of Operator EOG Resources, Inc.		Badlands 1-1 9 API Well No.
,	o. (include area code)	43-013-33005
1060 East Highway 40, Vernal, UT 84078 435-781-		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Wildcat
1405' FSL & 784' FEL (NE/SE)		11. County or Parish, State
Sec. 1-T11S-R14E 39.883069 LAT 110.289242 LON		Duchesne County, Utah
12. CHECK APPROPRIATE BOX(ES) TO INDICATE	NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Acidize	reat Reclamation Recomplete	Start/Resume)
Final Abandonment Notice Convert to Injection Plug Back	☐ Water Dispo	al
following completion of the involved operations. If the operation results in a multesting has been completed. Final Abandonment Notices must be filed only after determined that the site is ready for final inspection.) EOG Resources, Inc. plugged and abandoned the referenced well as placed in the state of the state	all requirements, including rec	RECEIVED
		SEP 0 5 2007
		DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1	
Kaylene R. Gardner	Title Lead Regulatory A	ssistant
Signature O	Date	08/31/2007
THIS SPACE FOR FEDERAL	OR STATE OFFIC	EUSE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warra		2000
certify that the applicant holds legal or equitable title to those rights in the subject ke	ase Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

which would entitle the applicant to conduct operations thereon.

Badlands - P&A information

- Fish #1 part of logging string dropped when logging tools were being broken down & laid out at surface.
 - o TIH & tagged top of fish (TOF) at 12871'
 - o Items Left in hole (no sources):
 - Array Induction Tool (AIT-H)
 - OD 3 7/8", Length 16', 255lbs
 - Sonic Monopole Dipole (SMDX)
 - OD 3 5/8", Length 16.5', 314lbs
- Fish #2 stuck while cutting rotary sidewall cores at 10193'
 - o Attempted to strip over wireline and fish coring tools.
 - Wireline was dropped in the hole.
 - O Attempted to fish wireline & tools with a spear
 - Got stuck with spear did recover some wireline.
 - o Items left in the hole (no sources):
 - Logging Equipment Head Tension (LEH-QT)
 - OD 3 3/8", Length 35", 37lbs
 - Mechanical Sidewall Coring Tool (MSCT-A)
 - OD 5 ¼", Length 9' 1", 262lbs
 - Wireline Cable
 - OD 0.46", 4000'
- Fish #3 fishing BHA (bottom at 3447', Top at surface)
 - o Spear 5.75'
 - o XO sub 2.25'
 - o XO sub 1.87'
 - o 4 ½" 16.6ppf Drill Pipe 3437'
- P&A witnessed by Cliff Johnson from BLM, Vernal Office
 - Perforated DP
 - 3410' 3402', 2 spf, 13 x 0.301" holes
 - Established injection rate
 - Cement Plug #1 (squeezed cement down to OH to cover shoe)
 - 712 sxs, 15.8pg, Class G + 0.15% D13 (retarder), 1.15 cuft/sx
 - Displaced with FW to 3500'
 - TOC 3500'
 - Bottom 5240' (estimated using 50% excess in OH)
 - o Cement Job #2 cemented DP and casing back to surface.
 - 1276 sxs, 15.8pg, Class G + 0.15% D13 (retarder), 1.15 cuft/sx
 - 18 bbls CMT circulated to surface

Dry hole marker was installed 3' below ground level on 1/4/2007.

NOTE: all of the logging tools were Schulmberger.